APPENDIX L

MANAGEMENT OPPORTUNITIES AND OBJECTIVES FOR I ALLOTMENTS

Table L-1 displays resource opportunities, conflicts, and management objectives for all I allotments. Table L-2 displays the ranking of allotments for implementation of management changes, based on current BLM range management policy.

A member of socioeconomic and natural resource factors have been considered in the ranking of I allotments for implementation. Allotments with a high benefit cost ratio, high resource values, and significant use conflicts generally are a high priority for changes in management. Other factors considered include the potential for increased forage production, the livestock operator's dependency on public land for grazing, the need to coordinate with other land management agencies, and the projected cost of implementation. The recommendations of the public, other agencies, and the District Grazing Advisory Board have been considered prior to final ranking.

This ranking will be used to select allotments for implementation, but is subject to change as new or better information becomes available. Examples of new considerations are annual budget constraints within BLM, an operators willingness to contribute to the cost of range improvements, unexpected public controversy, etc. The benefit cost data used in this analysis represents an initial estimate of the number and cost of improvements needed. Better estimates will be available as field inspections of allotments are conducted.

TABLE L-1

MANAGEMENT OPPORTUNITIES AND OBJECTIVES

Allotment No.	Allotment Name	Resource Opportunities/Problem	Resource Management Objectives
7101	Bonita-Clinton-Potomac	Majority of the livestock vegetation is in good and excellent condition. Scattered areas of riparian habitat are in unsatisfactory condition. Conflicts exist over extensive areas between livestock grazing and reforestation. Vegetative trend is generally static. Noxious weeds (knapweed) are common throughout the area.	Maintain the existing vegetative condition. Improve riparian vegetation where necessary in Cramer Cr. to a satisfatory condition. Resolve livestock/reforestation conflicts through the initiation of grazing management systems. Continue to improve upon present vegetative trend. Initiate noxious weed control where majority landowner cooperation can be obtained.
7102	Weaver	Vegetative trend is generally static; vegetative condition is generally fair with some poor. Generally riparian areas are in unsatisfactory condition. Reforestation/livestock grazing conflicts are serious, especially on slopes under 40%. Noxious weeds (knapweed) are common throughout the area.	Improve fair and poor condition range to good condition. Improve the riparian habitat to a satisfactory condition in the Ten Mile drainage. Resolve livestock/reforestation conflicts through the initiation of grazing management systems. Initiate noxious weed control where majority landowner cooperation can be obtained, especially in the Ten Mile drainage.
7104	Lund #1	Big game winter range areas are in unsatisfactory condition. Most riparian habitat areas are in unsatisfactory condition. Reforestation/livestock grazing conflicts are serious throughout the area. Noxious weeds (knapweed) are common throughout the area.	Reduce livestock use on winter game range on the Clark Fork face along I-90 thru grazing management systems. Improve riparian habitat to satisfactory condition in Upper Mulkey, Black Bear, and Upper Rattler Gulch. Resolve reforestation/livestock grazing conflicts through grazing management systems. Initiate noxious weed control where majority landowner cooperation can be obtained.

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Allotment No.	Allotment Name	Resource Opportunities/Problem	Resource Management Objectives
7105	McMahon	Riparian areas are in unsatisfactory condition. Vegetative trend is generally static in a fair condition. Reforestation/livestock grazing conflicts are serious on a few acres. Noxious weed (knapweed and musk thistle) are common throughout the area.	Improve riparian areas to a satisfactory condition, especially in Upper Packer Gulch. Improve vegetative condition to good or excellent condition in Upper Dry Mulkey Gulch. Initiate grazing management systems on areas where reforestation/livestock grazing conflicts exist. Initiate noxious weed control in areas where majority landowner cooperation can be obtained.
7106	Iverson	Riparian areas are in unsatisfactory condition. Vegetative trend is static; vegetative condition is generally fair. Reforestation/livestock conflicts are widespread.	Improve all riparian areas to a satisfactory condition through initiation of grazing management systems. Improve range to good and excellent condition. Initiate grazing management systems on the entire area to reduce reforestation/grazing conflicts.
7108	Lund #2	Big game winter range areas are in unsatisfactory condition. Most riparian habitat areas are in unsatisfactory condition. Reforestation/livestock grazing conflicts are serious throughout the area. Noxious weeds (knapweed) are common throughout the area.	Reduce livestock use on winter game range on the Clark Fork face along I-90 thru grazing management systems. Improve riparian habitat to satisfactory condition in Upper Mulkey, Black Bear, and Upper Rattler Gulch. Resolve reforestation/livestock grazing conflicts through grazing management systems. Initiate noxious weed control where majority landowner cooperation can be obtained.
7109	Murray-Douglas Cr.	Vegetation is generally in a good condition, and trend is static. Riparian areas are in unsatisfactory condition in Murray Cr. and satisafactory in Douglas Cr. Proposed forest management actions will create livestock/reforestation conflicts.	Maintain or improve vegetative condition. Improve riparian habitat to satisfactory condition in Murray Cr. and maintain present condition in Douglas Creek. Initiate a grazing management system to resolve potential reforestation/livestock conflicts.
7219	C. Mannix	Most riparian habitat areas in this unit are in unsatisfactory condition. Vegetative trend is generally static or slightly downward. Noxious weeds (knapweed) have invaded lower parts of this area.	Improve riparian habitat areas to satisfactory condition, especially in main Cottonwood Cr. Maintain or improve vegetative trend. Initiate noxious weed control along logging roads and skid trails.
7221	Murphy	Vegetative trend is generally in a static or downward trend. Riparian habitat is generally satisfactory with some areas along main Warm Spring Creek in unsatisfactory condition.	Maintain or improve vegetative trend through the implementation of grazing management systems. Improve riparian habitat to a satisfactory condition.
7312	H. Luthje	Vegetative condition is generally high good and trend is static. Riparian habitat is in satisfactory condition. Proposed forest management actions may create reforestation/riparian/livestock grazing conflicts.	Maintain vegetative condition and trend. Maintain riparian habitat in satisfactory condition. Install grazing management sytems to resolve potential livestock/reforestation/riparian conflicts.
7324	Collins #2	Vegetative trend is generally upward. Riparian areas are generally in satisfactory condition, except for a few small isolated areas where overuse by both livestock and big game on browse plants is evident. Reforestation problems are primarily due to heavy grass sodding.	Maintain vegetative trend. Improve riparian problems and reduce livestock use on browse plants through the installation of grazing management systems. Temporarily fence reforestation efforts to control livestock grazing around plantations that have been scarified and hand planted.

TABLE L-2

ALLOTMENT RANKING FOR I ALLOTMENTS

Allotment No.	Allotment Name	Total Cost x $1000	Benefit Cost Ratio	Internal Rate of Return	Critical Resource Values	Use Conflicts	Need for Change in Condition	Percent Increase	Dependency*	Other Agency Coordination	Other Factors Considered	Rank
7101	Bonita-Clinton-Potomac	22.0	3.6		Forest-mod Wildlife-low Water-mod	Reforestation areas, spring game range, riparian area	Low/mod	91	High	High-CT/SCS/ PCT	Very high interest by all parties	1
7102	Weaver	33.5	2.8	10.6	Forest-low Water-mod Veg-high	Reforestation, riparian area	Low	12	Mod	None	—	5
7104	Lund #1	54.1	2.3	12.6	Forest-high Water-mod Wildlife-high	Reforestation, riparian, winter range	Mod	38	Mod	High-CT/PCT	Extensive timber harvest by BLM/CT/PCT	2
7105	McMahon	72.6	1.9	4.7	Forest-mod	Reforestation	Low	25	High	High-CT	—	8
7106	Iverson	86.5	1.7	7.3	Forest-high Water-mod	Reforestation, riparian	Mod	64	High	None	Main road to high rec. use area, Garnet Ghost Town	4
7108	Lund # 2	99.5	1.7	9.6	Forest-high Water-mod Wildlife-mod	Reforestation, riparian, winter range-mule deer	Mod	15	Mod	High-CT/PCT	Extensive timber harvest	3
7109	Murray-Douglas Cr.	116.8	1.6	14.8	Forest-mod Wildlife-mod	Proposed reforestation, summer and fall range	Low	61	Low	Mod-CT	Proposed long-term timber harvest. Important elk hab.	6
7219	C. Mannix	128.7	1.5	3.2	Forest-low Veg-mod Water-mod	Reforestation, grass species, riparian	Low/mod	3	Mod	None	Watershed potential, fish habitat	7
7221	Murphy	147.7	1.4	0.8	Water-mod Veg-low	Riparian, grass species	Low	45	High	None	—	9
7312	H. Luthje	163.9	1.3	8.0	Forest-mod	Proposed sales	Low	48	Low	High-FS	Coord. FS/BLM Timber Sale	10
7324	Collins #2	169.5	1.4	13.0	Forest-mod Wildlife-mod	Reforestation, winter and spring range	Low	20	Low	None	—	11

* Dependency of ranch operation on use of public lands in grazing operation

PCT — Plum Creek Timber
CT — Champion Timberlands
SCS — Soil Conservation Service
FS — Forest Service

1. The totals in this column are cumulative discounted costs.